

YEAR 10

HALF TERM 4

What? When? Why?	Lesson 1 Learning intentions (what can a student do at the end of the lesson)	Lesson 2 Learning intentions (what can a student do at the end of the lesson)	Lesson 3 Learning intentions (what can a student do at the end of the lesson)	Lesson 4 Learning intentions (what can a student do at the end of the lesson)
Week 1	Compare quantities using a ratio (R)	Link ratios and fractions (R)	Share in a ratio (given total or one part) (R)	Use ratios and fractions to make comparisons
Week 2	Link ratios and graphs	Solve problems with currency conversion	Link ratios and scales (R)	Use and interpret ratios of the form 1 : n and n : 1
Week 3	Solve best buy problems	Combine a set of ratios	Link ratio and algebra	PAZ Assessment
Week 4	Ratio in area problems (H)	Ratio in volume problems (H)	Mixed ratio problems	Methods for working out percentages of amounts (with and without a calculator) Including reverse percentages (Year 10)
Week 5	Calculate simple and compound interest (Year 10)	Repeated percentage change (Year 10)	Solve problems involving growth and decay	Solve problems involving percentages, ratios and fractions
Week 6	Know how to add, subtract fractions (R)	Know how to multiply, divide fractions (R)	Find probabilities using equally likely outcomes (R)	Use the property that probabilities sum to 1 (R)